



# 2000 Toxics Release Inventory

## FLORIDA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	71,631,053	67,450,390	139,081,443
Air Emissions	32,928,371	54,833,989	87,762,360
Surface Water Discharges	1,745,477	52,318	1,797,794
Underground Injection Class I Wells	34,849,655	0	34,849,655
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	67,175	1,359,073	1,426,248
Other On-site Land Releases	2,040,376	11,205,010	13,245,386
Off-site Releases (Transfers Off-site to Disposal)*	2,603,523	1,972,129	4,575,652
<b>Total On- and Off-site Releases</b>	<b>74,234,577</b>	<b>69,422,519</b>	<b>143,657,096</b>
Recycled On-site	68,092,044	1,941,265	70,033,309
Recycled Off-site	21,458,549	261,049	21,719,598
Energy Recovery On-site	19,434,112	1	19,434,113
Energy Recovery Off-site	2,816,535	330,070	3,146,605
Treated On-site	81,160,846	45,821,148	126,981,994
Treated Off-site**	9,915,398	55,536	9,970,934
Quantity Released On- and Off-site***	74,454,808	67,142,134	141,596,942
<b>Total Production-related Waste Managed</b>	<b>277,332,292</b>	<b>115,551,203</b>	<b>392,883,495</b>
<b>Non-production-related Waste Managed</b>	<b>31,128</b>	<b>3,472</b>	<b>34,600</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	21,505,075	534,953	22,040,028
Energy Recovery	2,819,448	330,498	3,149,946
Treatment	1,555,611	48,415	1,604,026
Publicly Owned Treatment Works (POTWs)	7,967,296	515	7,967,811
Metals and Metal Compounds*	78,669	15	78,684
Non-metal TRI Chemicals**	7,888,626	500	7,889,126
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	2,770,892	1,972,114	4,743,005
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>36,618,321</b>	<b>2,886,495</b>	<b>39,504,816</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

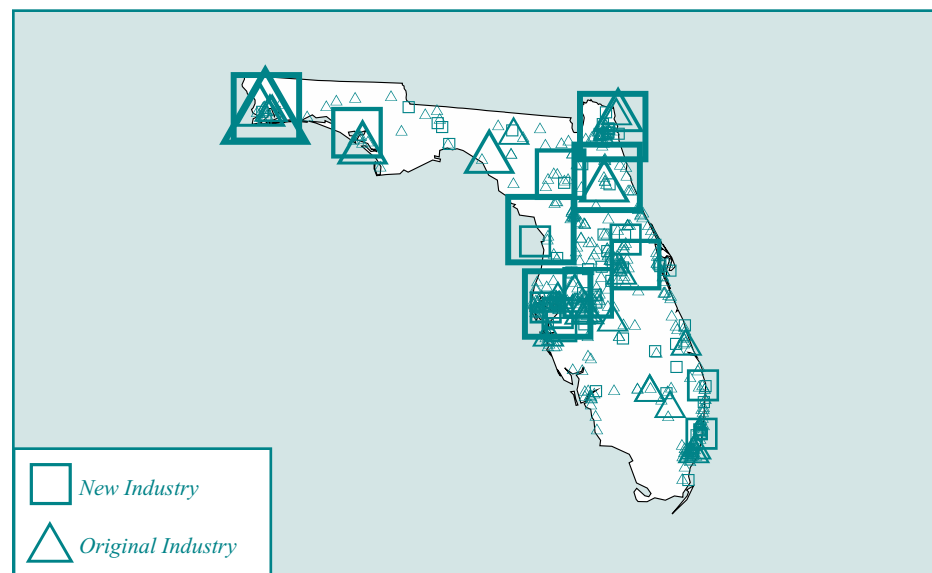
#### State Contact

Sam Brackett  
2555 Shumard Oak Blvd.  
Tallahassee, FL 32399-2100  
(850) 413-9970  
Fax: (850) 488-1739  
sam.brackett@dca.state.fl.us

#### EPA Contact

Ezequiel Velez  
Atlanta Federal Center  
61 Forsyth Street, S. W.  
Atlanta, GA 30303  
(404) 562-9191  
velez.ezequiel@epa.gov

To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
Fax: (202) 401-2347  
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Florida. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	16,054,328
Square Miles	53,997
Total Facilities	610
Total Forms	1,947
Form As	339

	Original Industry	New Industry	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	10	15	14
Pounds	74,234,577	69,422,519	143,657,096
<b>National Rank for Total On-site Releases**</b>			
Rank	8	14	12
Pounds	71,631,053	67,450,390	139,081,443
<b>National Rank for Total Releases within State***</b>			
Rank	10	14	15
Pounds	74,050,032	69,016,910	143,066,942
<b>National Rank for Production-related Waste Managed</b>			
Rank	26	13	26
Pounds	277,332,292	115,551,203	392,883,495

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2000 Toxics Release Inventory

## FLORIDA

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	38,808,498	0	0	0	0	38,808,498	0	0	0
—	Nitrate compounds	145,909	1,416,885	25,977,433	615,117	1,078,728	29,234,072	1,369	1,059,179	19,549
7664-93-9	Sulfuric acid	14,389,484	0	0	0	0	14,389,484	0	0	0
67-56-1	Methanol	11,752,603	16,520	468,756	35,325	2,820	12,276,024	10	2,797	23
7664-41-7	Ammonia	4,782,609	143,130	289,295	171,910	309,709	5,696,653	0	305,596	4,113

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
40487-42-1	Pendimethalin	0.00	0.00	0.00	20,342.00	0.00	20,342.00	0.00	0.00	0.00
—	Polycyclic aromatic compounds	15,426.48	69.56	0.00	239.05	135.13	15,870.22	2,200.00	133.53	1.60
—	Mercury compounds	1,943.08	9.11	0.00	2,387.66	255.36	4,595.21	7.00	106.16	149.20
7439-97-6	Mercury	224.36	5.60	0.00	230.85	155.90	616.71	1.00	151.30	4.60
118-74-1	Hexachlorobenzene	12.00	0.00	0.00	0.00	601.00	613.00	0.00	601.00	0.00
191-24-2	Benzo(g,h,i)perylene	493.15	0.00	0.00	7.71	14.15	515.01	0.00	14.15	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	1.11	1.11	0.00	0.11	1.00
—	Dioxin and dioxin-like compounds	0.16	0.01	0.00	0.06	0.00	0.23	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>70.610</i>	<i>4.422</i>	<i>0.000</i>	<i>27.983</i>	<i>0.000</i>	<i>103.014</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

\*\*\* No reports were submitted for these chemicals.



# 2000 Toxics Release Inventory

## FLORIDA

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Solutia Inc., Cantonment, Escambia	611,814	2,592	34,339,155	0	0	0	34,953,561	2,471	1,965
Gulf Power Co. Plant Crist, Pensacola, Escambia	16,621,882	3,347	0	0	0	663,667	17,288,896	0	0
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	8,316,033	5,800	0	0	0	188,055	8,509,888	0	0
Florida Power Crystal River Energy Complex, Crystal River, Citrus	8,071,908	18,900	0	0	0	29,775	8,120,583	52	0
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	5,254,046	4,252	0	0	0	2,026,328	7,284,626	30	41,592
Seminole Generating Station, Palatka, Putnam	2,670,476	3,216	0	0	0	4,134,491	6,808,183	0	0
Gulf Power Co. Plant Lansing Smith, Southport, Bay	3,681,502	398	0	0	0	396,370	4,078,270	0	0
Stanton Energy Complex, Orlando, Orange	272,766	0	0	0	0	3,610,975	3,883,741	897,150	0
Jefferson Smurfit Corp., Fernandina Beach, Nassau	2,825,449	12,019	0	0	0	0	2,837,468	0	0
Stone Container Corp., Panama City, Bay	2,469,219	0	0	0	0	139,060	2,608,280	73,093	0

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Sugar Corp.,Bryant Mill, Bryant, Palm Beach	384.00	0.00	0.00	0.00	0.00	12,339.00	12,723.00	0.00	0.00
U.S. Sugar Corp. Western Div., Clewiston, Hendry	0.00	0.00	0.00	0.00	0.00	8,003.00	8,003.00	0.00	0.00
Citrus World Inc., Lake Wales, Polk	3,600.00	0.00	0.00	0.00	0.00	0.00	3,600.00	0.00	0.00
Jack M. Berry Inc., Alva, Hendry	3,199.00	0.00	0.00	0.00	0.00	0.00	3,199.00	0.00	0.00
City of Vero Beach Municipal Utilities, Vero Beach, Indian River	3,033.34	0.00	0.00	0.00	0.00	0.00	3,033.34	0.00	0.00
Tropical Asphalt Prods. Corp., Pembroke Park, Broward	2,000.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0.00	0.00
Seminole Generating Station, Palatka, Putnam	99.01	4.00	0.00	0.00	0.00	1,137.00	1,240.01	0.00	0.00
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	471.01	2.00	0.00	0.00	0.00	468.00	941.01	0.00	42.00
C.D. McIntosh Jr. Power Plant, Lakeland, Polk	200.00	3.00	0.00	0.00	454.00	0.00	657.00	0.00	0.00
Apac Florida Tampa Plant Tampa Div., Tampa, Hillsborough	543.40	0.00	0.00	0.00	0.00	0.00	543.40	0.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2000 Toxics Release Inventory

## FLORIDA

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Solutia Inc., Cantonment, Escambia	45,826	111,895	166,216	0	16,013,964	0	34,957,610	51,295,511	387
Gulf Power Co. Plant Crist, Pensacola, Escambia	0	0	0	0	0	0	17,288,887	17,288,887	0
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	0	57	0	0	2,247,000	0	8,509,988	10,757,045	0
Florida Power Crystal River Energy Complex, Crystal River, Citrus	0	10	1	0	1,900,000	0	8,120,318	10,020,329	0
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0	0	0	0	3,190,780	0	7,317,483	10,508,263	0
Seminole Generating Station, Palatka, Putnam	0	0	0	0	6,605,504	0	6,808,183	13,413,687	0
Gulf Power Co. Plant Lansing Smith, Southport, Bay	0	0	0	0	0	0	4,078,270	4,078,270	0
Stanton Energy Complex, Orlando, Orange	0	0	0	0	6,110,464	0	3,883,030	9,993,494	0
Jefferson Smurfit Corp., Fernandina Beach, Nassau	0	0	11,664	0	4,187,405	0	2,837,467	7,036,536	0
Stone Container Corp., Panama City, Bay	0	0	128,000	0	2,129,100	7,295,708	2,681,366	12,234,174	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. Sugar Corp., Bryant Mill, Bryant, Palm Beach	0	0	0	0	0	0	12,783	12,783	0
U.S. Sugar Corp. Western Div., Clewiston, Hendry	0	0	0	0	0	0	8,003	8,003	0
Citrus World Inc., Lake Wales, Polk	0	0	0	0	0	0	3,600	3,600	0
Jack M. Berry Inc., Alva, Hendry	3,199	0	3,199	0	0	0	3,199	9,597	0
City of Vero Beach Municipal Utilities, Vero Beach, Indian River	0	0	0	0	0	0	3,033	3,033	0
Tropical Asphalt Prods. Corp., Pembroke Park, Broward	0	0	0	0	0	0	2,000	2,000	0
Seminole Generating Station, Palatka, Putnam	0	0	0	0	0	0	1,240	1,240	0
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0	0	0	0	0	0	983	983	0
Clariant LSM (Florida) Inc., Gainesville, Alachua	0	0	0	0	0	1,964	601	2,565	0
Apac Florida Tampa Plant Tampa Div., Tampa, Hillsborough	0	0	0	0	0	0	543	543	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.